

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Kai, S. et al.

Application No. **10/502,038**

Filed: **February 3, 2005**

For: **METHOD OF MAKING MASTER
FOR MANUFACTURING
OPTICAL DISC AND METHOD
OF MANUFACTURING OPTICAL
DISC**

) Group Art Unit: **2872**

) Examiner: N/A

FILED ELECTRONICALLY VIA EFS-
WEB

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CORRECTED FILING RECEIPT

Dear Sir:

Attached is a copy of the official filing receipt received from the PTO in the above-referenced patent application for which issuance of a corrected filing receipt is respectfully requested.

Please make the following correction:

In the "Title", 'Method for Producing Stamper Used for Producing Optical Disc and Optical Disc Producing Method' should be --Method of Making Master For Manufacturing Optical Disc and Method of Manufacturing Optical Disc--.

Attached is a copy of the first page of the Request corresponding to International Patent Application No. PCT/JP03/14848 and the first page of the Specification evidencing the correct title.

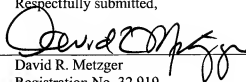
As this error was on the part of the U.S. Patent Office, no fee is due on behalf of the applicant.

Dated:

Dec 12, 2007

By:

Respectfully submitted,



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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
✓ 10/502,038	✓ 02/03/2005	2872	1050	✓ 09792486-0149	13 12	✓ 8	✓ 2

CONFIRMATION NO. 2041

FILING RECEIPT



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26263
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Date Mailed: 03/02/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

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Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP03/14848 11/20/2003 ✓

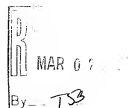
Foreign Applications

JAPAN 2002-336060 11/20/2002 ✓

Projected Publication Date: 06/09/2005

Non-Publication Request: No

Early Publication Request: No



Title

~~Method for producing a stamp used for producing optical disc and optical disc production method~~

Preliminary Class

359

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Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

International Application No.

International Filing Date

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference
(if desired) (12 characters maximum) S03P1338WO00

Box No. I TITLE OF INVENTION METHOD OF MAKING MASTER FOR MANUFACTURING OPTICAL DISC AND METHOD OF MANUFACTURING OPTICAL DISC

Box No. II APPLICANT

☐ This person is also inventor

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

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☒ all designated States except the United States of America

☐ the United States of America only

☐ the States indicated in the Supplemental Box

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State (that is, country) of residence:

Japan

This person is applicant for the purposes of:

☐ all designated States

☐ all designated States except the United States of America

☒ the United States of America only

☐ the States indicated in the Supplemental Box

☒ Further applicants and/or (further) inventors are indicated on a continuation sheet.

Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE

The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:

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DESCRIPTION

METHOD OF MAKING MASTER FOR MANUFACTURING OPTICAL DISC

AND METHOD OF MANUFACTURING OPTICAL DISC

TECHNICAL FIELD

The present invention relates to a method of making a master for manufacturing a stamper by transfer as well as a method of manufacturing an optical disc, in which when an optical disc is manufactured, an optical disc substrate having a concave and convex pattern of a groove for tracking, addressing or the like and a pit or the like of data recording by, for example, injection molding or 2P (Photo Polymerization) method is formed.

BACKGROUND ART

In recent years, the optical disc such as DVD (Digital Versatile Disc) has been in use as a recording medium in a wide range of fields.

The optical disc has the structure in which a minute concave and convex information pattern of grooves for providing various information signals, for example, an address signal and a tracking signal, pits as recording portions of data-information signal and the like are formed on an optically transparent optical-disc substrate made of polycarbonate and the like, on that pattern a reflective film made of a metal thin film such as aluminum film is formed, and further a protective film is formed thereon.

The optical disc is manufactured through the manufacturing process as shown in FIGS. 13A to 13J (See,